

PRODUCT DATA SHEET

NOMEA GROUT NG 200 TP

Fast-setting, high-strength grout

Product description

NOMEA NG 200 TP is a fast-setting, high-strength, fluid grout of class R4. Certified according to ČSN EN 1504-3 and 1504-6.

Area of application

NOMEA NG 200 TP is designed for rapid repair of horizontal surfaces indoors and outdoors, grouting, anchoring and filling cavities.

Scope of application according to aggregate grain size 0.0–0.1 mm; 0.0–0.3 mm; 0.0–1.2 mm, 0.0–4.0 mm.

Resulting properties – benefits

- ✓ Rapid increase in strength, high final strength, high adhesion to the substrate
- ✓ Excellent fluidity – filling cavities without creating cavities
- ✓ Moderate expansion in the early stages, setting even at low temperatures
- ✓ Resistance to water, CHRL and weathering
- ✓ Maximum grain size according to variant 0.1 mm, 0.3 mm, 1.2 mm, 4.0 mm

Product characteristics

Colour:	cement grey
Packaging:	25 kg paper bags with PE membrane liner.
Storage:	Store in a dry place at temperatures between 5°C and 30°C. Protect from moisture and frost.
Shelf life:	When stored under the specified conditions, in original, unopened and undamaged packaging, 6 months from the date of manufacture. The date of manufacture is marked on the packaging.

Technical data

Mixing water package)	10-12% NOMEA NG 200 TP 0.0 – 4.0 (2.50 – 3.00 litres of water per 25 kg
(relative to dry mixture)	11-13% NOMEA NG 200 TP 0.0 – 1.2 (2.75 – 3.25 litres of water per 25 kg package)
package)	12-14% NOMEA NG 200 TP 0.0–0.3 s (3.00–3.50 litres of water per 25 kg
package)	14-16% NOMEA NG 200 TP 0.0 – 0.1 (3.50 – 4.00 litres of water per 25 kg
Application thickness (without filling with other fractions)	NOMEA NG 200 TP 0.0 – 4.0 15–150 mm in one working step
	NOMEA NG 200 TP 0.0 – 1.2 5 – 50 mm in one working step
	NOMEA NG 200 TP 0.0 – 0.3 1–30 mm in a single step
	NOMEA NG 200 TP 0.0 – 0.1 1 – 10 mm in a single step
Compressive/tensile strength in bending after 2 hours	min. 20 MPa / min. 8.0 MPa
After 4 hours	min. 30 MPa / min. 9.0 MPa
After 24 hours	min. 40 MPa / min. 10.0 MPa
After 7 days	min. 50 MPa / min. 10.5 MPa
after 28 days	min. 60 MPa / min. 11.0 MPa
Reaction to fire	A1 _{fl}
Workability	min. 10 minutes at 20°C

Application procedure

Using a slow-speed mixer or circulation mixer, mix the dry component with mixing water in the recommended ratio. Apply using gravity technology. Allow at least 12 hours after application. Fully loadable 24 hours after application.

Tools and protective equipment must be thoroughly cleaned with water immediately after use.

Warning

- ✓ Do not exceed the permitted application thicknesses.
- ✓ Avoid draughts, direct sunlight and premature drying immediately after application.
- ✓ Adding binders or other additives or sifting the mixture is unacceptable.

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- ✓ The mixture may only be applied at temperatures above +5°C
 - ✓ The mixing water should meet the requirements of PN-EN 1008, or drinking water may be used
 - ✓ Disposal of contaminated packaging – treat as "residual waste"
 - ✓ Without consulting the manufacturer, it is not advisable to use the product for mechanical application

Warning

The product contains cement. Cement reacts with water to form an alkaline suspension (pH above 10). Protective equipment (clothing, gloves, goggles) must be worn when working. Protect your eyes and avoid contact with skin. When handling the dry mixture, there is a risk of inhaling dust particles, so it is necessary to use a protective respirator when working. In case of contact with eyes, rinse with water and seek medical attention.

Legal disclaimer

The information, in particular the instructions for processing and application of our products, is based on our knowledge of the development and application of chemical products and many years of application experience under standardised conditions and proper storage and use. Due to varying processing conditions and other external influences, as well as the different nature and properties of substrates, the procedure based on the information provided, or other written or verbal recommendations, may not always guarantee a satisfactory result. The client/contractor must test the products to ensure they are suitable for the intended application.